

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:  
**MILLER.**  
Application No.: 09/751,577  
Filed: December 29, 2000  
For: METHODS AND SYSTEMS FOR  
TREATING TEETH

Examiner: John J. Wilson  
Art Unit: 3732

**AMENDMENT AND RESPONSE**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated April 10, 2002, please amend the above-identified application as follows:

**IN THE CLAIMS:**

1. (Amended) A system for repositioning teeth from an initial tooth arrangement to a final tooth arrangement, said system comprising a plurality of dental incremental position adjustment appliances including:
  4. [one or more] a plurality of appliances, each having a geometry selected to
  5. reposition the teeth from a first arrangement to a second arrangement, wherein the
  6. appliances comprise polymeric shells having cavities and wherein the cavities of
  7. successive shells have different geometries shaped to receive and resiliently reposition
  8. teeth from the first to the second arrangement; and
  9. one or more wire and bracket systems to progressively reposition the teeth
  10. from one arrangement to a successive arrangement, the wire and bracket systems and
  11. appliances being deployed in seriatim to reposition teeth from the initial tooth
  12. arrangement to the final tooth arrangement.